

FORM PTO-1590 (REV. 01-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 347269-991610	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/509,201	
INTERNATIONAL APPLICATION NO. PCT/KR03/00860		INTERNATIONAL FILING DATE 28 April 2003 (28.04.2003)		PRIORITY DATE CLAIMED 3 May 2002 (03.05.2002)	
TITLE OF INVENTION LIQUID CRYSTAL DISPLAY AND METHOD FOR DRIVING THEREOF					
APPLICANT(S) FOR DO/EO/US MOON, Seung-Hwan					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1.	<input type="checkbox"/>	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.			
2.	<input checked="" type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.			
3.	<input type="checkbox"/>	This is an express request to begin national examination procedures (35 U.S.C. 37a(f)). The submission must include items (5), (6), (9) and (21) indicated below.			
4.	<input type="checkbox"/>	The US has been elected (Article 31).			
5.	<input type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371(c)(2))			
	a.	<input type="checkbox"/>	is attached hereto (required only if not communicated by the International Bureau).		
	b.	<input type="checkbox"/>	has been communicated by the International Bureau.		
	c.	<input type="checkbox"/>	is not required, as the application was filed in the United States Receiving Office (RO/US).		
6.	<input type="checkbox"/>	An English language translation of the International Application as filed (35 U.S.C. 37a(c)(2))			
	a.	<input type="checkbox"/>	is attached hereto.		
	b.	<input type="checkbox"/>	has been previously submitted under 35 U.S.C. 154(d)(4).		
7.	<input type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 37a(c)(3))			
	a.	<input type="checkbox"/>	are attached hereto (required only if not communicated by the International Bureau).		
	b.	<input type="checkbox"/>	have been communicated by the International Bureau.		
	c.	<input type="checkbox"/>	have not been made; however, the time limit for making such amendments has NOT expired.		
	d.	<input type="checkbox"/>	have not been made and will not be made.		
8.	<input type="checkbox"/>	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).			
9.	<input checked="" type="checkbox"/>	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
10.	<input type="checkbox"/>	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 37a(c)(5)).			
	Items 11 to 20 below concern document(s) or information included:				
11.	<input type="checkbox"/>	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.			
12.	<input type="checkbox"/>	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
13.	<input type="checkbox"/>	A preliminary amendment.			
14.	<input type="checkbox"/>	An Application Data Sheet under 37 CFR 1.76.			
15.	<input type="checkbox"/>	A substitute specification.			
16.	<input type="checkbox"/>	A power of attorney and/or change of address letter.			
17.	<input type="checkbox"/>	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.			
18.	<input type="checkbox"/>	A second copy of the published international application under 35 U.S.C. 154(d)(4).			
19.	<input type="checkbox"/>	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).			
20.	<input checked="" type="checkbox"/>	Other items or information: Postcard Assignment and Recordation Sheet Check No. 578346			

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/509,201		INTERNATIONAL APPLICATION NO. PCT/KR03/00860		ATTORNEY'S DOCKET NUMBER 347269-991610	
21. <input checked="" type="checkbox"/> The following fees are submitted:  <b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b>  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.44(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO..... <b>\$1080.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... <b>\$920.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... <b>\$770.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33 (1)-(4)..... <b>\$730.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims satisfied provisions of PCT Article 33 (1)-(4)..... <b>\$100.00</b>  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>  <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	
Surcharge of <b>\$130.00</b> for furnishings the oath or declaration later than 30 months from the earliest claimed proprietary date (37 CFR 1.492(e)).				<b>\$ 130.00</b>	
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>	<b>\$</b>	
Total claims	15 - 20 =	0	x <b>\$18.00</b>	<b>\$</b>	
Independent claims	2 - 3 =	0	x <b>\$84.00</b>	<b>\$</b>	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ <b>\$280.00</b>	<b>\$</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<b>\$</b>	
<b>SUBTOTAL =</b>				<b>\$ 130.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<b>\$</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 130.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				<b>\$ 40.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 170.00</b>	
15 KRAYBAGH 00000138 10509201				<b>\$</b>	
17 130.00 DP				<b>\$</b>	
a. <input checked="" type="checkbox"/> A check in the amount of <b>\$ 170.00</b> to cover the above fees is enclosed.				<b>\$</b>	
b. <input type="checkbox"/> Please charge my Deposit Account _____ in the amount of <b>\$</b> _____ to cover the above fees. No. _____ A duplicate copy of this sheet is enclosed.				<b>\$</b>	
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>07-1896</u> . A duplicate copy of this sheet is enclosed.				<b>\$</b>	
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card          information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.				<b>\$</b>	
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a)          or (b) must be filed and granted to restore the application to pending status.</b>					
SEND ALL CORRESPONDENCE TO: Customer No. 26379 DLA PIPER RUDNICK GRAY CARY US LLP Attn.: K. Jenny Sung 2000 University Avenue East Palo Alto, CA 94303 Telephone No.: 650-833-2121 Facsimile No.: 650-833-2001				<div style="border-bottom: 1px solid black; display: inline-block; width: 150px;"> </div> SIGNATURE  <div style="border-bottom: 1px solid black; display: inline-block; width: 150px;">K. JENNY SUNG</div> NAME  <div style="border-bottom: 1px solid black; display: inline-block; width: 150px;">48,639</div> REGISTRATION NUMBER	

**Rec'd PCT/PTO 30 JUN 2005**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Seung-Hwan MOON

Serial No: 10/509,201

International Application No.: PCT/KR03/00860

I.A. Filing Date: April 28, 2003

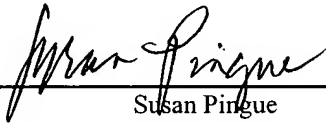
Priority Date: May 3, 2002

Title: LIQUID CRYSTAL DISPLAY AND METHOD FOR DRIVING THEREOF

**CERTIFICATE OF MAILING**

**VIA EXPRESS MAIL (EV 562302614 US)**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as EXPRESS MAIL in an envelope addressed to: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313, Mail Stop – PCT DO/EO/US, on June 30, 2005.

  
\_\_\_\_\_  
Susan Pirguez

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**RESPONSE TO THE NOTICE TO FILE MISSING PARTS**

Mail Stop – Missing Parts  
Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

In response to the attached copy of the Notification mailed by the U.S. Patent and Trademark Office on May 3, 2005, Attorney for Applicants hereby submits the following documents to complete the filing of the above-referenced patent application:

1. Transmittal Letter;
2. Response to Notification (2 pgs.);
3. Copy of the Notification (2 pgs.);

4. Declaration (executed) (3 pgs.);
5. Assignment and Recordation Sheet (3 pgs);
6. Check No. \_\_\_\_\_  
(Payment for the Declaration filing fees (\$130) and Assignment fees (\$40))
7. Return postcard

Kindly note and change our old Docket No. 1190860-991610 to our new Docket No.  
347269-991610 before sending any future correspondence.

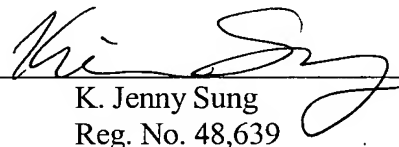
The Commissioner is hereby authorized to charge the fees and any additional fees which  
may be required, or credit any overpayment to Deposit Account No. 07-1896.

Respectfully submitted,

DLA PIPER RUDNICK GRAY CARY US LLP

Dated: June 30, 2005

By

  
K. Jenny Sung  
Reg. No. 48,639  
Attorney for Applicants

DLA Piper Rudnick Gray Cary US LLP  
2000 University Avenue  
East Palo Alto, CA 94303  
Telephone: (650) 833-2121  
Facsimile : (650) 320-7401

/SCP



## UNITED STATES PATENT AND TRADEMARK OFFICE

**Rec'd PCT/PTO 30 JUN 2005**

 UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/509,201	Seung-Hwan Moon	1190860-9911610

INTERNATIONAL APPLICATION NO.	
PCT/KR03/00860	
I.A. FILING DATE	PRIORITY DATE
04/28/2003	05/03/2002

 26379  
 DLA PIPER RUDNICK GRAY CARY US, LLP  
 2000 UNIVERSITY AVENUE  
 E. PALO ALTO, CA 94303-2248

CONFIRMATION NO. 7410

371 FORMALITIES LETTER



\*OC000000015895146\*

Date Mailed: 05/03/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/24/2004
- Copy of the International Search Report filed on 09/24/2004
- Oath or Declaration filed on 09/24/2004
- U.S. Basic National Fees filed on 09/24/2004
- Priority Documents filed on 09/24/2004

**CALENDARED**  
 BY: HB  
 FOR: \_\_\_\_\_  
 RESPONSE/EVENT: \_\_\_\_\_  
Resp to Missing Req  
 OPP: 28 June 2005  
 REPLY: 28 Oct 2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- **\$130** Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- **\$130** Late oath or declaration Surcharge.

**RECEIVED**
**MAY 05 2005**
**DLA PIPER RUDNICK  
GRAY CARY**

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/509,201	PCT/KR03/00860	1190860-9911610

FORM PCT/DO/EO/905 (371 Formalities Notice)